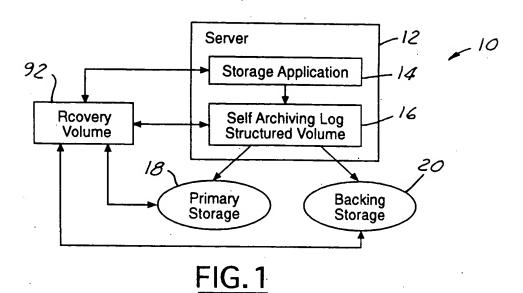
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22 14 36 Current Log Segments Storage 34 26 Current Virtual Volume Index Application Read Block Block **Active**  Segment Write Block 28 Synch Offset **Active Active** 34 **Active** 24 **Archivist** <u>Index</u> Inactive Rewrite Active Block Inactive Records to Log Segment Compress Offset 30 Inactive Write to Storage Inactive Inactive 18,20 Volume Recycle **Archive** 32 Recycle

<u>FIG. 2</u>

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	<b>,</b>	1			<u> </u>	<del></del>	
Block	Active seg:t:offset	50		Block	Contents		
1	2:0	· \		Empty	Empty		I
2	2:2		3	Empty	Empty		1
3	3:0			Empty Empty			i
4	2:3			3	\$		
		•					
	10			Block	Contents		
	48			4	#		
			2	2	@ .		
		•		Synch	01/10/2000:0100		
				1	Static		
				Block	Contents		
	46			2	"3"		
		_	1	4	"2"		
				3	1		
				1	Static		
	44			Block	Contents		
	7 7	-		2	С		
			0	4	` В		
				3	Α		
	40			Synch	01/01/2000:0055		
	40'			· · · · · · · · · · · · · · · · · · ·		T	Tir
FIG.3							
			1	1 <b>U</b> . J		42	

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				· ·	
Block	Active seg:t:offset			Block	Contents
1	2:0			Empty	Empty
2	2:2		3	Empty	Empty
3	3:0	A		Empty	Empty
4	2:2			3	\$
				Block	Contents
				4	#
		_	2	2	<b>@</b> .
Block	Active seg:t:offset			Synch	01/10/2000:0100
1	2:0			1	Static
2	1:3			700	
3	1:1			Block	Contents
4	1:2			2	"3"
			1	4	"2"
•				3	1
				1	Static
				Block	Contents
				2	С
			0	4	В
				3	Α
				Synch	01/01/2000:0055
60					
			F	IG 4	

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First Named Inventor: John Charles Autrey et al. Atty. Docket No.: 00-010-DSX (STK 00010 PUS1)

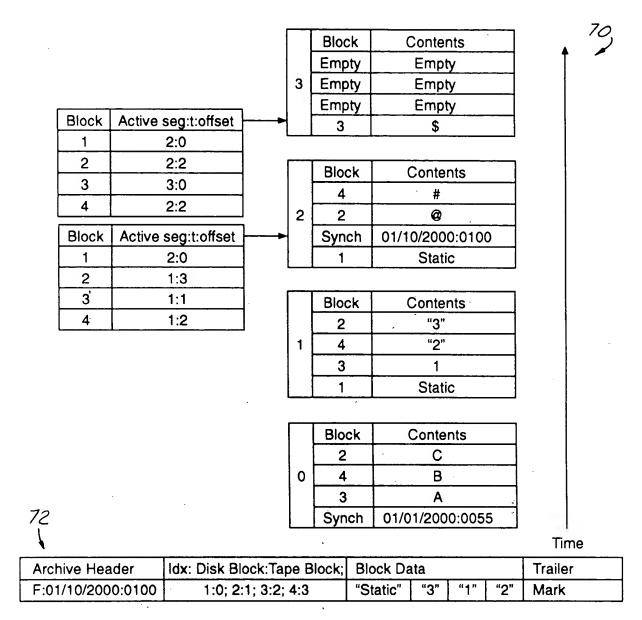
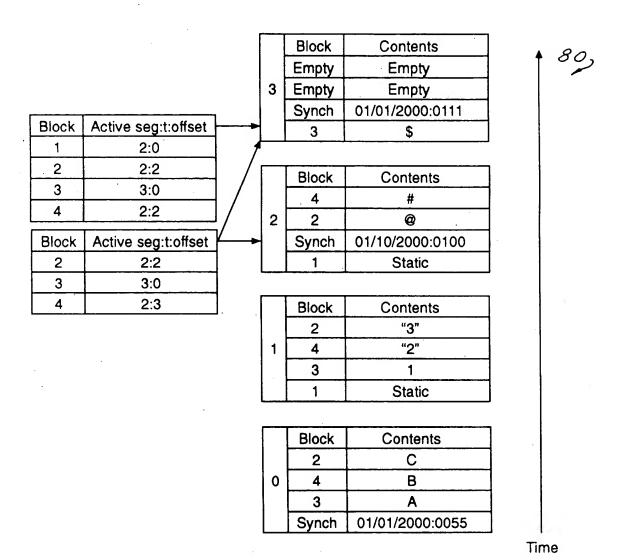


FIG. 5

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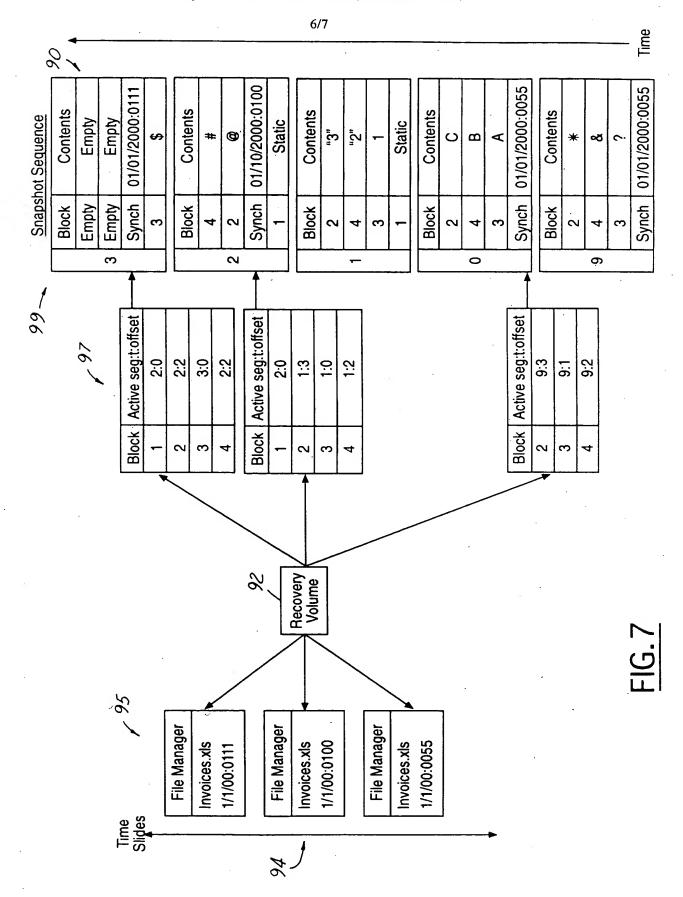


Archive Header	Index	Block Data		ta	Trailer
1:01/01/2000:0111 - 01/01/2000:0100	2:0; 3:1; 4:2	"@"	<b>"\$</b> "	"#"	Mark

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**FIG.** 6

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